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FORM PTO-1449
INFORMATION DISCLOSURE STATEMEN

ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	
APPLICANT: Richard H. Wagner	
APPLICANT: Richard H. Wagner	
APPLICANT: Richard H. Wagner FILED: Herewith	GROUP ART UNIT: To be assigned

			U.S. F	PATENT DOCUMENTS			·
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Bel	AA	3,668,653	06/06/1972	Fair et al.		/	
1	AB	4,410, 962	10/18/1983	Daniels et al.			
	ΛC	4,438,511	03/20/1984	Baran		7	
	AD	4,577,152	03/18/1986	Macovski			
	AE	4,620,153	10/28/1986	Hino		1/	
	AF	4,625,171	11/25/1986	Sekihara et al.	•		
	AG	4,625,276	11/25/1986	Benton et al.			
	ΛH	4,707,592	11/17/1987	Ware	/	7	
	Al	4,724,521	02/09/1988	Carron et al.			
(1)	AJ	Re 32,701	06/21/1988	Moran		- 	
- D	AK	4,755,940	07/05/1988	Brachtl et al.		1	
	·		FOREIG	ON PATENT DOCUMENTS		······································	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Xf	AL	WO 95/16971	22/06/1995	PCT			Yes No
(b)	AM	WO 96/41286	19/12/1996	PCT			Yes No
SP	AN	WO 97/01137	01/09/1997				Ye.
	AO						Ye.
	AP						Yes No
-, -;	; 	O	HER (Including A	Author, Title, Date, Pertinent l	Pages, etc.)		
El	AQ			uropay International, May 8, 20			
	AR	1 "NCR 2170 pages).	Hospitality Works	tation Designed for Bars, Restau	urants", AT&T No	ews Release, Feb	ruary 2, 1993, (2
S.	AS	1 "AT&T to I pages).	ncrease Smart Card	Reliability, Expand Memory to	8KB", AT&T N	ews Release, Apr	il 8, 1994, (2
EXAMINER	· · · · ·	-			7	$7/28/0^{2}$	<i>†</i>
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	FORM PTO-1449	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	INFORMATION DISCLOSURE STATEMENT	APPLICANT: Richard H. Wagner	
•		FILED: Herewith	GROUP ART UNIT: To be assigned

	_		U.S. PA	TENT DOCUMEN	TS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CI	LASS	SUB-CLASS	FILING DATE
SI	BA	4,774,655	09/27/1988	Kollin et al.				
	BB	4,787,035	11/22/1988	Bourne			7	
	BC	4,799,156	01/17/1989	Shavit et al.			7	
	BD	4,815,029	03/21/1989	Barker et al.				1
	BE	4,847,604	07/11/1989	Doyle ct al.				
	BF	4,885,777	12/05/1989	Takaragi et al.			7	
	BG	4,901,223	02/13/1990	Rhyne			/	
 	Bil	4,912,303	03/27/1990	Danielson et al.				
	BJ	4,926,325	05/15/1990	Benton et al.			-7-,	
	ВЈ	4,942,532	07/17/1990	Mori		/		
Ros	BK	4,942,552	07/17/1990	Merrill et al.	. ,			7
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CI	LASS	SUB-CLASS	TRANSLATION
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	ВМ					•		Yes No
 -	BN					· · · · · · · · · · · · · · · · · · ·		Yes No
	ВО					,		Yes No
	BP							Yes No
		o	THER (Including Au	thor, Title, Date, Pe	rtinent Pages, et	c.)	·	
SP	BQ	2 "AT&T an pages).	d NCR Offer Smart C	ard Upgrade Kits for	Bank ATMs", AT	&T News	Release, Nover	mber 17, 1993, (2
	BR	2 "The Smar	t Card Cashes In", The	e Economist, January	29, 1994, (2 pag	cs).		
Sp	BS	2 "NCR 7450 pages).	O Terminal Brings AT	M-style Interface to I	Point-of-Sale", Al	T&T News	Release, Octob	per 11, 1993, (4
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Rep	CA	4,947,028	08/07/1990	Gorog			
1	СВ	4,949,248	08/14/1990	Caro			
-, -, 	CC	4,962,531	10/09/1990	Sipman et al.			
	CD	4,965,742	10/23/1990	Skeirik			
	CE	4,972,463	11/20/1990	Danielson et al.		1	
	CF	5,014,221	05/07/1991	Mogul		/	
	CG	5,018,196	05/21/1991	Takaragi et al.			
	Cii	5,021,949	06/04/1991	Morten et al.			
 	CI	5,025,373	06/18/1991	Keyser, Jr. et al.			
. 1	CJ	5,036,461	07/30/1991	Elliot et al.			
RP	СК	5,036,484	McCoy et al.	07/30/1991			
	· · · · · ·	-,	FOREIG	N PATENT DOCUMEN	TS	· · · · · · · · · · · · · · · · · · ·	*
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CL						Yes No
	СМ						Ye: No
	CN						Ye:
	CO						Ye.
	СР						Yes No
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Xf	ÇQ	3 "Mastercard	Smart Card Milesto	ones", MasterCard Interna	tional Press Office, Ma	rch 5, 2001, (3 p	ages).
	CR	3 Svigals, Jero	ome, "Microchip Şn	nart Cards Will Save Mone	ey", American Banker,	February 2, 1994	4, (I page).
St.	CS	3 Barthel, Ma	tt, "Fears of Crime a	at ATMs are on the Rise",	American Banker, Mai	ch 30, 1994, (1 ₁	nage).
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FORM PTO-1449	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
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	APPLICANT: Richard H. Wagner	
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A.P	DA	5,046,094	09/03/1991	Kawamura et al.			
1	DB	5,047,923	09/10/1991	Elstner et al.	 		
***	DÇ	5,083,262	01/21/1992	Haff, Jr.		/	
	DD	5,103,478	04/07/1992	Matyas et al.			
	DE	5,113,517	05/12/1992	Beard et al.			
	DF	5,119,465	06/02/1992	Jack et al.		/	
	DG	5,146,499	09/08/1992	Geffrotin		/	
	DH	5,146,553	09/08/1992	Noguchi et al.	/		
	DI	5,148,481	09/15/1992	Abraham et al.		***	
	DJ	5,149,945	09/22/1992	Johnson et al.	1		
W.	DK	5,161,222	11/03/1992	Monteio et al.	1		
			FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DL						Yes No
	DM						Yes No
	DN						Yes No
	DO						Yes No
	. DP.						Yes No
		ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	s, etc.)	*	• • • • • • • • • • • • • • • • • • •
81	DQ	4 "Smart Card I	Forum Publication I	List", Smart Card Forum, March 2	, 2001, (7 pag	es).	
	DR	4 "Appendix: N	Aajor Electronic Pu	rse Projects, By Country", Pages 3	35-50 and 52-	64, Date Unknov	wn (29 pages).
Sp	DS	4 O'Kelly, Robi	n, "Mondex 'Glob	al Electronic Cash' Wins Helşinki	Award", Sept	ember 8, 1996, (2 pages).
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FORM PTO-1449	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned		
INFORMATION DISCLOSURE STATEMENT	APPLICANT: Richard H. Wagner			
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Bo	EA	5,179,690	01/12/1993	Ishikawa		7	
1	EB	5,195,130	03/16/1993	Weiss et al.	·	1 /	······································
	EC	5,202,828	04/13/1993	Vertelney et al.	1		
	ED	5,204,947	04/20/1993	Bernstein et al.	 -	 	
	EE	5,206,951	04/27/1993	Khoyi ct al.		1/	· · · · · · · · · · · · · · · · · · ·
	EF	5,212,369	05/18/1993	Karlisch et al.		/	
-	EG	5,220,501	06/15/1993	Lawlor et al.	 	/	
	EH	5,220,380	06/15/1993	Hirata et al.	1		
	EI	5,239,662	08/24/1993	Danielson et al.	1 /		· · · · · · · · · · · · · · · · · · ·
6	EJ	5,243,284	09/07/1993	Noll	1	 	
A.P	EK	5,256,863	10/26/1993	Ferguson et al.	17		
	. 		FOREIGN	PATENT DOCUMENTS		, 	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	EL						Yes No
	EM						Yes No
	EN						Yes No
	EO						Yes - No
	EP						Yes No
		OTI	IER (Including A	ithor, Title, Date, Pertinent Page	es, etc.)		
S	EQ	5 "White Paper	- The Euro in the	Electronic Purse", April 2000, (5 p	pages).		
	ER	5 "History of G	emplus", Gemplus,	March 2, 2001, (3 pages).			
Bo	ES	5 Pauli, Ralf an	d Koponen, Risto,	"Toward Electronic Money", Bant	k of Finland B	ulletin, April 19	97, (3 pages).
EXAMINER	-				DATE C	ONSIDERED 7/28	104
EXAMINER: I conformance and	nitial if re I not cons	ference considered, wildered. Include copy	hether or not citation of this form with ne	on is in conformance with MPEP 6 ext communication to Applicant.	09. Draw line	through citation	if not in

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
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	FILED: Herewith	GROUP ART UNIT: To be assigned

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EXAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
ab	FA	5,272,754	12/21/1993	Boerbert		1	
1	FB	5,274,821	12/28/1993	Rouquie			
	FC	5,276,312	01/04/1994	McCarthy			
	FD	5,277,192	01/11/1994	Cumoulin			
	FE	5,278,955	01/11/1994	Forte et al.		17	
····	FF	5,278,972	01/11/1994	Baker et al.		/	
	FĢ	5,294,782	03/15/1994	Kumar			· · · · · · · · · · · · · · · · · · ·
	FH.	5,297,249	03/22/1994	Bernstein et al.			•
	FI	5,307,411	04/26/1994	Anvret et al.		· · · · · · · · · · · · · · · · · · ·	- 10 m - 10
	FJ	5,307,499	04/26/1994	Yin			
12/	FK	5,309,351	05/03/1994	McCain et al.		,	
			FOREIC	ON PATENT DOCUMEN	TS		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
	FL						Ye N
	FM					,, 	Ye N
	FN						Ye N
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 	FP.						- Ye
			OTHER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		William Control of the Control of th
81	FQ	6 "A Freque 1995, (12		s List (FAQ) for alt technol	ogy.smartcards", Estor	nian Institute of (Cybernetics, July
	FR	6 Husemar Engineer	nn, Dirk, "The Smart (s, Inc., September 18,	Card: Don't Leave Home W , 2000, (9 pages).	lithout It", Institute of	Electrical and El	lectronics
Jeff	FŞ) 	to the Council of The May 1994, (12 pages	European Monetary Institut).	e on Prepaid Cards", T	he Working Gro	oup on EU Payme
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FORM PTO-1449					
INFORMATION DISCLOSURE STATEMENT					

ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned
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EXAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Ro	ĢΛ	5,321,806	06/14/1994	Meinerth et al.			
	GB	5,321,808	06/14/1994	Rupp		1	
	GC	5,347,580	09/13/1994	Molva et al.		7	
	GD	5,347,632	09/13/1994	Filepp et al.		1/	
	GE	5,349,678	09/20/1994	Morris et al.		17	
	GF	5,351,296	09/27/1994	Sullivan		7	-
	GG	5,367,572	11/22/1994	Weiss		1	
,	ĢH	5,367,635	11/22/1994	Bauer et al.	/		
	GI	5,373,561	12/13/1994	Haber et al.			
10-	GJ	5,377,191	12/27/1994	Farrell et al.		• .	,
De	GK	5,379,344	01/03/1995	Larsson et al.	7		
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EXAMINER INITIAL		DOCUMEN' NUMBER	DATE	COUNTRY	ÇLAŚS	SUB-CLASS	TRANSLATION
	GL						Ye No
	GM						Ye No
	GN						Ye No
	GO						Ye N
•	GP		· ·			<u> </u>	Ye N
		, 	OTHER (Including	Author, Title, Date, Per	tinent Pages, etc.)		
ESP.	GQ	Banerj pages).		tandards and Electronic	Purse, A Review Paper",	Aston University	, May 1997, (20
	GR		nd, Robin C., "Finance 1995-1996, (23 pages)	History, Development	& Market Overview", Th	e International Si	nart Card Industry
Sf.	GS		l, Elsbeth Marikje, "Cas y Guide, 1995-1996, (8	e Study: The Multi-Fund pages)	ctional Smart Carte Santo	", The Internatio	nal Smart Card
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY, DOCKET NO.: 1/14-0012		SERIAL NO.: To be assigned	
	APPLICANT: Richard H. Wagner	•		
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EXAMINER INITIAL			DOC NUM	UMENT IBER	DATE	NAME	CLASS	ŞUB-CLASS	FILING DATE
2.6	2 H/	4	5,386	,517	01/31/1995	Sheth ct al.		1	
1	HI	3	5,390	,314	02/14/1995	Swanson			
	Н	3	5,418	,908	05/23/1995	Keller et al.		1	
	HÌ)	5,461	,217	10/24/1995	Claus		1	
	HI	3	5,475	,585	12/12/1995	Bush			
	HI	7	5,475	,858	12/12/1995	Gupta et al.			
	Н	<u>. </u>	5,497	,487	03/05/1996	Fortier			
	Н	1	5,499	,343	03/12/1996	Pettus		1	
	Ĥ		5,510),710	04/23/1996	Nauerth			
79	.HJ	1	5,511	,122	04/23/1996	Atkinson			
82	/ III	ζ :	5,517	,569	05/14/1996	Clark	/	· · · · · · · · · · · · · · · · · · ·	
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R) HO	? .	8	Smith, Jack, "S	Smart Card Industr	y Review 1995", Smart Card I	Monthly Newslett	cr, January 1996	, (6 pages).
1	HF	HR 8 Crotch-Harvey, Trevor, "Smart Cards in Telecoms", The International Smart Card Industry Guide, 1995-1996, (14 pages).							
Q.	HS	HS 8 Farmer, Donna and Tonnac, Remy de, "What's So Smart About Smart Cards", Gemplus, October 10, 2000, (1 page)							
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714 0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
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				U.S. F	PATENT DOCUMENTS			
EXAMINER INITIAL			UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
191	ÌΑ	5,521	,980	05/28/1996	Brands			
	IB	5,526	5,037	06/11/1996	Cortjens et al.			
	IC	5,526	5,409	06/11/1996	Conrow et al.		17	
	ID	5,530),844	06/25/1996	Phillips et al.			
	IE	5,544	1,320	08/06/1996	Konrad		1/	
	IF	5,544	1,161	08/06/1996	Bigham et al.		1	
	IG	5,544	1,246	08/06/1996	Mandelbaum et al.		1	•
	1H	5,540	5,582	08/13/1996	Brockmeyer et al.	7		1
	11	5,548	3,721	08/.20/1996	Denslow			
- V	IJ	5,550),561	08/27/1996	Ziarno			
Def	ΙK	5,550),984	08/27/1996	Gelb	7	,	
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EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	IL							Yes No
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	IN							Yes No
	10							Yes No
	IP							Yes No
	- 		ОТ	HER (Including A	Luthor, Title, Date, Pertinent P	ages, etc.)		
SP	IQ	2	"P401 Defin	ition of a pan-Euro	ppean IC Card", Eurescom, Marc	h 5, 2001, (1 pag	ge).	
	IR	2	"Innovonics, (3 pages).	Inc. Selects AMP	as Manufacturer for the PC Pay	Module", Innov	onics News Relea	se, May 19, 1995,
W.	IS	9	Levy, Steven	, "E-Money (That	's What I Want)", Wired, Decem	ber, 1994, (2 pa	ges).	
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٠.	FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTYDOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
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		FILED: Herewith	GROUP ART UNIT: To be assigned

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Lef	JA.	5,55	2,586	09/03/1996	Kalman			
1	JB	5,55	7,203	09/17/1996	Nauerth			
	1Ċ	5,56	3,878	10/08/1996	Blakely et al.		1	.,
	JD	5,57	0,465	10/29/1996	Tsakanikas			· · · · · · · · · · · · · · · · · · ·
	JE	5,57	7,233	11/19/1996	Goettelmann			
	1ŀ	5,58	1,478	12/03/1996	Cruse ct al.		1	
	1G	5,58	1,686	12/03/1996	Koppolu et al.		1/	TR TITUDE -
	JH	5,58	1,708	12/03/1996	Iijima		/	
	JI	5,58	3,940	12/10/1996	Vidrascu et al.		/	
·b	, JJ	5,58	6,036	12/17/1996	Pinstov			
820	JK	5,58	6,175	12/17/1996	Hogan et al.		······································	
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Of.	JQ	10	Fickenscher, 27, 1994 (2 p		ears Up to Go National Wi	th Its Microchip Smar	t Cards", Americ	can Banker, Janua
	JR	10		Daniel and Kutler, J D, 1993, (1 page).	effrey, "Convention Goers	See Bank Future in S	mart Cards", Am	erican Banker,
SIB.	JŞ	10	Meece, Mick page).	ey, "First Data Stre	ngthens Position in Card P	rocessing", American	Banker, Decemb	per 21, 1993, (1
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
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Ref	КА	5,590,038	12/31/1996	Pitroda		1	
	KB	5,590,181	12/31/1996	Hogan et al.			
	KC	5,590,196	12/31/1996	Moreau			
	KD	5,590,197	12/31/1996	Chen et al.			
	KE	5,590,199	12/31/1996	Krajewski, Jr. et al.		17	
	KF	5,594,910	01/14/1997	Filepp et al.		/	· · · · · · · · · · · · · · · · · · ·
	KG	5,602,905	02/11/1997	Mettke		/	
	KH	5,602,915	02/11/197	Campana et al.	/		
	KI	5,602,918	02/11/1997	Chen et al.			
6	KJ	5,604,802	02/18/1997	Holloway	1		
Sign	KK.	5,606,493	02/25/1997	Duscher et al.			
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	KL		•				Yes No
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	ко						Yes No
	KP						Yes No
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Esp.	KQ	Kutler, Jeffre April 27, 199		Even in Concept Stage, Sparking	Interest Amor	g Consumers", A	merican Banker,
1	KR	11 Kutler, Jeffre	y, "Visa Starts Pus	sh for Smart Card to Replace Cash	", American B	anker, March 22,	1994, (2 pages).
A.	KS	"AT&T Intropages).	duces Enhanced M	Aultimedia Interface for ATM Net	works", AT&T	News Release, N	1ay 4, 1994, (2
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XIA	LA	5,613,012	03/18/1997	Hoffman et al.			
1	LB	5,613,096	03/18/1997	Danknick		/	
	LC	5,615,251	03/25/1997	Hogan et al.	 		
	LD	5,623,547	04/22/1997	Jones et al.	······································		
	ĻĒ	5,630,101	05/13/1997	Sieffert		/	
•	LF	5,633,919	05/27/1997	Hogan et.al.		/	-
· · · · · · · · · · · · · · · · · · ·	LG	5,638,430	06/10/1997	Hogan et al.		/	
	LH	5,640,193	06/17/1997	Wellner	7		1
	LI	5,642,485	06/24/1997	Deaton et al.			
12	ĻJ	5,649,114	07/15/1997	Deaton et al.			
A Comment	LK	5,649,118	07/15/1997	Carlisle et al.	- -/		
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E.	LQ	12 "Trendar and pages).	AT&T Test Conta	ctless Smart Cards at Truck	Stops", AT&T News	Release, Februa	ry 26, 1993, (3
	LR	12 "NCR Annou pages).	nces 5980 Signatu	re Capture System for Retail	ers", AT&T News R	elease, Septembo	er 30, 1991, (2
L	LS	12 Merckling, Ro	oger and Anderson	i, Anne, "Smart Card Introdu	ction", March 1994,	(16 pages).	
XAMINER			3		DATE CO	ONSIDERED	1.
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Sof	MA	5,65	2,876	07/29/1997	Ashc et al.			
	МВ	5,65	5,008	08/05/1997.	Futch et al.			
	MC	5,66	4,110	09/02/1997	Green et al.			
	MD	5,66	6,412	09/09/1997	Handelman et al.			
	ME	5,66	8,878	09/16/1997	Brands			
	MF	5,67	7,953	10/14/1997	Dolphin		/	
	MG	5,67	7,955	10/14/1997	Doggett et al.	1.	/	
	МН	5,67	8,002	10/14/1997.	Fawcett	1		
	MI	5,67	9,945	10/21/1997	Renner et al.			
1	МЈ	5,68	7,322	11/11/1997	Deaton et al.			
Pop	MK	5,68	9,799	11/18/1997	Dougherty et al.	1/		
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	MN							Yes No
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	MP							Yes No
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8 Sagar	MQ	13	Merckling, Ro	ger and Anderson	n, Anne, "DCE Smart Card Integra	tion", March 1	994, (16 pages).	
	MR	13	"Chapter 2 – T pages).	echnology", Sma	nrt Card Primer, The Schuler Consu	ıltancy, ©1993	, pages 13-24 ar	id 26-29, (16
EP.	MS	13	"CP8® PROD	UCTS, PASCAN	A, Network Security Processor", Ja	nuary 1994, (4	pages).	
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· Kar	NΛ	5,694,471	12/02/1997	Chen et al.		1	
	NB	5,694,546	12/02/1997	Reisman			
	NC	5,696,903	12/09/1997	Mahany			
	ND	5,703,795	12/30/1997	Mankovitz			
	NE	5,706,273	01/06/1998	Guerreri			
	NF	5,708,780	01/13/1998	Levergood et al.		1/	
	NG	5,708,782	01/13/1998	Larson et al.			
	NH	5,708,825	01/13/1998	Sotomayor	1		
	NI	5,710,884	01/20/1998	Dedrick			
b	NJ	5,715,314	02/03/1998	Payne et al.			
- Hop	NK	5,722,754	03/03/1998	Langner			
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	NP						Ye: No
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80	NQ	14 "Notes on O	pen Networks and D	evice Addressing", IBM Corp	oration, April 25	, 2001, (19 pages).
	NR		Samdih, Knight, Jan 00, University of Lea	nes and Thies, Bill, "A Centra eds, (16 pages).	lized Smart Card	System Utilizing	Distributed
G	NS	14 "Single-Işşu	er Multiple Uses", Si	mart Card Primer, The Schuler	Consultancy, ©	1993, (3 pages).	
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SIP	OA	5,724	1,506	03/03/1998	Cleron et al.			
1	ОŘ	5,729	,549	03/17/1998	Kostreski et al.			
	ОС	5,732	2,219	03/24/1998	Blumer et al.			
	OD	5,734	1,720	03/31/1998	Salganicoff			
	OE	5,742	2,845	04/21/1998	Wagner		/	
-	OF	5,742	2,931	04/21/1998	Spiegelhoff et al.		/	
	OG	5,748	3,908	05/05/1998	Yu			
	ŌН	5,754	1,655	05/19/1998	Hughes et al.			
	OI	5,750	5,978	05/26/1998	Soltesz et al.			
	Òì	5,75	8,257	05/26/1998	Herz et al.			
Br	OK	5,77	8,067	07/07/1998	Jones et al.	7		
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S.	OQ	15		ssein, "The Impac	t of Smart Cards in the Glob		", Schlumberger	Technologies,
	OR	15	Derksen, Ed pages).	uard, "Money-Bit	: The Open Off-Host Prepai	d Card System", Asco	m Autelca, Ltd.,	Date Unknown, (
. Og	os	15	Corzo, Gera	rdo, "Credisa's El	ite Card System", Date Unkr	nown, (5 pages).	 	
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XX	PA	5,78	1,189	07/14/1998	Holleran et al.		1	
	PB	5,79	9,156	08/25/1998	Hogan et al.			
	PÇ	5,80	5,719	09/08/1998	Pare, Jr. et al.			
	PD	5,80	5,807	09/08/1998	Hanson et al.			
	PE	5,80	9,415	09/15/1998	Rossmann			
	PF	5,81	5,577	09/29/1998	Clark		1	
	PG	5,81	5,657	09/29/1998	Williams et al.			
	PH	5,81	9,092	10/06/1998	Ferguson et al.		1	
	PI	5,82	6,245	10/20/1998	Sandberg-Diment		/	
	РĴ	5,83	8,906	11/17/1998	Doyle et al.			
So .	PK	5,85	0,442	12/15/1998	Muffic			.)
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SH	PQ	16	Cordonnier,	Vincent M., "Asse	ssing the Future of Smart Çards",	Cardtech, Date	Unknown, (7 pa	ges).
	PR	16	"NatWest La	unch Mondex Glo	bal Electronic Cash", Smart Card	News, Ltd., Do	ecember 1993, (7	pages).
Se de la constante de la const	PS	16		Robert J., "Stored ©1995, (8 pages).	Value Cards and The Electronic	Purse: Develop	pments in the Am	ericas", Danyl
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SP	QA	5,851	1,149	12/22/1998	Xidos et al:			
	QB	5,854	1,833	12/29/1998	Hogan et al.			
	QC	5,867	7,821	02/02/1999	Ballantyne et al.		/	
	QD	Re. 3	6,310	09/21/1999	Bjerrum et al.		7	
	QE	5,870),552	02/09/1999	Dozier et al.			
	QF	5,870),724	02/09/1999	Lawlor et al.		/	
	QĢ	5,873	3,099	02/16/1999	Hogan et al.		/	
-	QH	5,884	1,292	03/16/1999	Baker et al.	/		
	QI	5,889	9,863	03/30/1999	Weber	/		
	QJ	5,93	1,917	08/03/1999	Nguyen et al.			
EMP.	QK	5,933	3,816	08/03/1999	Zeanah et al.			
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200	QQ	17	"CP8® Produ	cts, PinPadLINK, F	Readers/Encodors", Dactyl France,	June 1993, (2	pages).	
	QR	<u>17</u>	"Smart Securi	ıy", Byte Talk, Febi	ruary, 1994, (2 pages).			
G	QS 17 Verschuren, Ton, "Smart Access: Strong Authentication on the Web", April 24, 2001, (10 pages).							
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RP	RA	5,953,731	09/14/1999	Glaser		1	
	RB	5,960,216	09/28/1999	Vishlitzky et al.			
	RC	5,963,205	10/05/1999	Sotomayor			
	RD	5,973,731	10/26/1999	Schwab			
	RE	5,978,569	11/02/1999	Traeger		1/	
	RF	5,978,773	11/02/1999	Hudetz et al.		1/	
	RG	5,982,891	11/09/1999	Ginter et al.		1	Transcription of the second
	RH	5,983,004	11/09/1999	Shaw et al.	1 /	/	
1	RI	5,987,312	11/16/1999	Dekker			
	RJ	5,996,076	11/30/1999	Rowney et al.			77 - 22 - 14 17 - 12 - 17
V CP	RK	6,085,224	07/04/2000	Wagner			
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E G	RQ	18 "PKCS #11	: New Member of I	Public Key Cyrptography", RŞA Da	ita Security, I	nc., January 12, I	994, (2 pages).
1	RR	18 Petri, Steve	"An Introduction t	o Smarcards", Litronic, Inc., ©1998	3, (2 pages).	•	
Do	RŞ	18 Violino, Bo	b, "The Cashless So	ociety", InformationWeek, October	11, 1993, (5	pages).	
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SA	6,11	2,191	08/29/2000	Burke			
SB	6,17	5,922 B1	01/16/2001	Wang		1 /	, '-
SC	6,18	2,052	01/30/2001	Fulton et al.			
SD	6,20	5,437	03/20/2001	Gifford			
SE	6,20	8,904	03/27/2001	Mullen, Jr.		1/	
SF	6,21	2,575 B1	04/03/2001	Cleron et al.		1/	
SG	6,22	6,744 B1	05/01/2001	Murphy et al.		/	
SH	6,22	6,752 BI	05/01/2001	Gupta et al.	1	/	
SI	6,25	3,027 B1	06/26/2001	Weber et al.	1 /	· · · · · · · · · · · · · · · · · · ·	
SJ	6,27	5,869	08/14/2001	Sieffert et al.			
SK	6,27	9,112 BI	08/21/2001	O'Toole, Jr., et al.			
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SQ	19			e Presentation for the AIC Conference	ence, Aucklan	d, New Zealand',	Danyl Corporation
ŞR	<u>19</u>		•	s a New Approach to the Interactive	e Opportunity	", Inside Cable ar	nd Telecom
SS	19	Bull CP8® N	lews, Products and	Technologies, No. 22, October 19	94, (2 pages).		
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8	TA	6,282	,656 B1	08/28/2001	Wang	, , , , , , , , , , , , , , , , , , , ,	7	7. · · · · · · · · · · · · · · · · · · ·
	TB	6,283	,375	09/04/2001	Wilz, Sr. et al.			
	TC	6,470	,326 B1	10/22/2002	Drummond et al.		1	
	TD	6,505	,177 B1	01/07/2003	Drummond et al.			,
200	TE	6,539	,361 B1	03/25/2003	Richards et al.	/		. /
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	TR	20	"One Store's C	Comprehensive L	oyalty Program - The Takashii	maya Experience",	Verifone, Inc., ©)1994, (4 pages).
Sp.	TS	<u>20</u>	"Mondex Payr	nents Scheme", S	mart Card News Ltd., Decemb	per 1993, (2 pages).		·
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6	GGR	33	Raggett, David		titled: "A Review of t	he HTML + Do	cument Forn	nat", Hewlett Pac	kard Laboratories,
Sp	GGS 33 Raggett, David, HTML file entitled: "10-Fill-out Forms and Input Fields", available at http://www.w3.org/MarkUp HTMLPlus/htmlplus_41.html, November 8, 1993 (5 pages).								
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY, DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
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Esp.	HHS	34	Burchard et al.	, "Compount Docu	uments in HTML", Internet D	Praft Memo, Date U	Jnknown, (14 pa	ges).
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IIQ 35 Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).									
	IIR	<u>35</u>	Stabell, B., "The EMBED Tag by Netscape (v2.0), September 19, 1995, (9 pages).						
W Cop	iis	<u>35</u>	Article entitled, "Eolas Sues Microsoft for Infringement of Patent for Fundamental Web Browser Technology That Makes "Plug-Ins" and "Applets" Possible", Chicago, Illinois, February 2, 1999, (2 pages).						
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dep	JJS '	<u>36</u>	1	et al., "Applicabili 1994, (15 pages).	ty of Smart Cards to Network Use	r Authenticat	ion", Computing	Systems, Vol. 7,
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A SP	KKS	37 Cordonnier et	al., "Time as an A	Aid to Improving Security in S	Smart Cards", Date	Unknown, (14 p	ages).
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En	LLQ			., "The Concept of known, (14 page	of Suspicion: A N	lew Security Mo	del for Ident	fication Manage	ment in Smart
	LLR				and Technology mmerce, National				Computer Access 98, (55 pages).
Ep	LLS	38 Resco	rla et al., "	The Secure Hypo	erText Transfer Pi	otocol", Internet	Draft Memo	, December 1994	1, (29 pages).
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	MMR	39		, "IC Cards in V ectober 19-20, 19	idcotex Systems", <i>Smart C</i> 87, (9 pages).	Card 2000:	The Future	of IC Cards", In	ternational
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
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A.	QQQ	43	Kirkman, P., ©1987, (14 p		ds Transfer Systems: The Re	evolution in Cashless B	anking and Payr	ment Methods",	
	QQR	Fancher, C., "Smart Cards: As Potential Applications Grow, Computers in the Wallet are Making Unobtrusive Inroads", Scientific American, Date Unknown, (10 pages).							
Ep	QQS	43	Walsh, E., "S	mart Card Stand	lards", Datapro Information S	Services, August 25, 20	000, (10 pages).		
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	RRR	44 Article entitled	l "The Birth of Sm	nart Cards: 1981", Le Courier de I	a Monétique,	Date Unknówn, (3 pages).
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SI	SŞQ	Article entitled	1 "The Birth of	f Smart Cards: 1983", Le Cour	rier de la Monetique,	Date Unknown, (2 pages).
	SSR	45 Article entitled	d "The Birth of	f Smart Cards: 1984", Le Cour	ricr de la Monétique,	Date Unknown, (3 pages).
Eg	SSS	45 Article entitled	1 "The Birth of	f Smart Cards: 1985", Le Cour	rier de la Monétique,	Date Unknown, (2 pages).
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S.	TTQ	<u>46</u>	Article entitled	l "The Birth of Sma	art Cards: 1986",	, Le Courier de la	Monétique,	Date Unknown, ((2 pages).
	TTR	<u>46</u>	Article entitled	l "The Birth of Şma	art Cards: 1987",	Le Courier de la	Monétique,	Date Unknown, (2 pages).
Dep	TTS	<u>46</u>	Article entitled	d "The Birth of Sma	art Cards: 1988",	Le Courier de la	Monétique,	Date Unknown, (2 pages).
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G	ŲΨQ	<u>47</u>	Article entitled	"The Birth of Sma	art Cards: 1989", Le Courier	r de la l	Monétique, D	rate Unknown, (2 pages).
	ÜŲR	<u>47</u>	Doyle, M., Uni November 30,	iversity of Californi 1993, (10 pages).	ia, San Diego, Office of Con	ntinuing	3 Medical Edu	acation, Disclosi	ure Statement,
Sp	UUS	<u>47</u>	Article entitled 11-12, 1993, (5	"Workshop on Net pages).	twork and Distributed System	m Secu	rity", Privacy	and Research (Group, February
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
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E.	VVQ	48		or a Smart Card Kerberos",		vages).	
	VVR	48 Kohl et al., "7	The Kerberos Net	twork Authentication Service	e (V5)", September 19	193, (103 pages).	
SIP	vvs	48 Nebel, E., "Fi	ile Upload in HTN	ML Forms", September 23,	1994, (4 pages).		
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GA	wwQ			d "Re: Request for	•		isensus", Octobe	г 12, 1993, (4
	WWR	Gaskell et al.,	'Improved Security	y for Smart Card Us	e in DCE", Feb	ruary 1995, (17 pages).	
SP	wws	Pato, J., "Using	g Pre-Authentication	on to Avoid Passwoi	rd Guessing Att	acks", June 1	993, (5 pages).	·
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012	SERIAL NO.: To be assigned
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	XXR	<u>50</u>	"Financial Tran Second Edition	nsaction Card Origi n, December 15, 19	inated Messages – In 193, (128 pages).	nterchange Me	ssage Specific	cations", Internal	tional Standard,
Sep.	XXS	<u>50</u>	Various articles (73 pages).	s on the subject "19	994 NIST Guideline	for Advanced	Authentication	on (Smart Cards)	", Date Unknow,
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	YYR	51 Fielding et al.	, "Hypertext Transfo	er Protocol – HTTP/1.1", Ja	anuary 1997, (162 p	ages).	
SP	YYS	Branwyn, G., ©1994 Ventar	"M·O·S·A·I·C Quiel na Press, Inc., (215 p	k Tour for Windows: Acce pages).	ssing & Navigating	the Internet's Wo	rld Wide Web",
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SP			Shelly et al., "?	Netscape Navigator	: An Introduction",	. ©1996 Boyd a	& Frascr Pub	olishing Company	, (138 pages)	
	ZZR	<u>52</u>	James, P., "Official Netscape Navigator 2.0 Book: Windows Edition", ©1996, Ventana Press, Inc., (692 pages).							
Eg .	ZZS	<u>52</u>	Article entitled	"A Smart Card for	On-Line Home Ser	vices", ChipCo	ord News, Iss	sue No. 32, July 1	990, (2 pages).	
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	AAAP							Yes No
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XJ.	AAAQ	53 Bosak et al., '	'XML and the Se	cond Generation Web"	, Scientific Am	erican, May	1999, (5 pages).	· · · · · · · · · · · · · · · · · · ·
	ΛΛΛR	53 Beners-Lee et	al., "RFC1866-l	Hypertext Markup Lang	guage-2.0", No	vember 1995	, (58 pages)	
Esp	AAAS	53 Burchard et a	l., "Compound D	ocuments in HTML", I	nternet Draft I	Memo, Date u	nknown, (14 pa	geş).
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	AAAR	53	Hansen, Wilfred J., "Enhancing Documents with Embedded Programs: How Ness Extends Insets in the Andrew ToolKit", IEEE 1990, pp. 23-32, (10 pages).						
Sep	AAAS 53 Tani, M., Yamaashi, K., Tanikoshi, K., Futakawa, M. and Tanufuji, S., "Object-Oriented Video: Interaction with Real-World Objects Through Live Video", ACM 1992, pp. 593-598, (6pages).							Interaction with	
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	AAAR	Davis, H., W Hypermedia	Davis, H., W., Heath, I., Hill, G. and Wilkins, R., "Towards an Integrated Information Environment with Open Hypermedia Systems", ACM 1992, pp. 181-191, (10 pages).						
W.	AAAS	AAAS 53 Ferrara, Fabrizio, M., "The KIM Query System: An Iconic Interface for the Unified Access to Distributed Multimedia Databases", SIGGHI Bulletin 1994, Vol. 26, No. 3, pp.30-39, (10 pages).							
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	FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0012 APPLICANT: Richard H. Wagner	SERIAL NO.: To be assigned
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	AAAR 53 Davis, H. Hall, W., Pickering, A. and Wilkins, R., "Microcosm: An Open Hypermedia System", ACM, 1993, (1 page).								
	AAAS	<u>53</u>			I., "The Use of FTAM to Ac 1992, pp. 377-383, (19 pag		cal Pictur	es Across Wide	: Area Networks",
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200	AAAS	53 "Why Jim Cla	ark Loves Mosaic	', Wired, October 1994, pp. 118-12	21, 150-151 a	nd 157, (7 pages)	
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	AAAR	Moeller, M. and Leach, N., "Microsoft Maps New OCX Plan: ActiveX seen as Web Content Platform", PC Week, March 11, 1996, Vol. 13, No. 10, pp. 1-2, (2 pages).					
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	AAAR		hard D., "PHASE, -809, (4 pages).	A Portable Host Access System En	nvironment", l	Unisys Defense	Systems, IEEE
80	AAAS	53 Klemets, And 1993, pp.70-7		uire, Frank Reichert, and Mark T.	Smith, "MIN"	r-A Mobile Inte	rnet Router", ILEE
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	AAAR	Connolly, T., P. Amer, and P. Conrad,, "An Extension to TCP: Partial Order Service", Network Working Group, November 1994, Available online at https://ftp.rfc-editor.org/in-notes/rfc1693.txt , (14 pages).							
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FORMATION DISCLOSURE STATEMENT

APPLICANT: Richard H. Wagner

FILED: July 7, 2003

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	BR	7	"The Common	Gateway Interface	e", http://hoohoo.ncsa.uiuc.edu/cg		nages).	
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FORM PTO-1449 ORMATION DISCLOSURE STATEMENT

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APPLICANT: Richard H. Wagner		
FILED: July 7, 2003	GROUP ART UNIT: To be as	signed

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	BR	8	McCool, Ro	ob, "Re: CGP/1	.0 specification", Novembe	er 19, 1993 (2 pages	s).	
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APPLICANT: Richard H. Wagner

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APPLICANT: Richard H. Wagner				
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ATTY, DOCKET NO.: 1714-0012	SERIAL NO.: 10/614,398		
APPLICANT: Richard H. Wagner			
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